



BASE FROM U. S. GEOLOGICAL SURVEY, 1:250,000, TANACROSS QUADRANGLE, 1964

Scale 1:500,000  
1 inch equals approximately 8 miles  
10 0 10 20 30 40 Miles  
10 0 10 20 30 40 Kilometers



### GEOCHEMICAL MAPS SHOWING THE DISTRIBUTION AND ABUNDANCE OF BERYLLIUM IN THE TANACROSS QUADRANGLE, ALASKA

BY  
G. C. CURTIN, G. W. DAY, S. P. MARSH, AND R. B. TRIPP

### EXPLANATION

GEOLOGY GENERALIZED FROM FOSTER (1970)

#### CORRELATION OF MAP UNITS

[Qsm]	UNCONSOLIDATED DEPOSITS
[Qtm]	SEDIMENTARY ROCKS
[Qtm]	IGNEOUS AND METAMORPHIC ROCKS
[Tm]	QUATERNARY AND TERTIARY
[Tm]	TERTIARY?
[Tm]	TERTIARY OR WESTOZOIC
[Kt]	CRETACEOUS(?)
[Kjm]	CRETACEOUS OR JURASSIC
[Tkm]	MESOZOIC OR PALEOZOIC
[Bm]	PALEOZOIC(?)
[Bpm]	PALEOZOIC AND (OR) PRECAMBRIAN

#### DESCRIPTION OF MAP UNITS

[Qsh]	UNCONSOLIDATED DEPOSITS
[Kt]	SEDIMENTARY ROCKS
[Ktm]	DETrital ROCKS (METACEDIMENT)
[Kjm]	MANTASTA ARGILLITE OF RICHTER (1967) (JURASSIC OR CRETACEOUS)
[Kjm]	IGNEOUS AND METAMORPHIC ROCKS
[Qtm]	basalt
[Tm]	MAFIC VOLCANIC ROCKS
[Tm]	FELD TUFF, WELDED TUFF, LAVA, AND HYDROLYSIS INTRUSIVE ROCKS
[Tmg]	GRANITIC ROCKS, UNDIVIDED
[Tmg]	GABBRO
[Tmg]	ULTRAMAFIC ROCKS
[Rd]	DIORITE
[Bpm]	METAMORPHIC ROCKS, UNDIVIDED

#### GEOCHEMICAL SYMBOLS

—	CONTACT, APPROXIMATELY LOCATED
—	FAULT, DASHED WHERE APPROXIMATELY LOCATED, DOTTED WHERE CONCEALED
—	LINEAMENT, DASHED WHERE APPROXIMATELY LOCATED, DOTTED WHERE CONCEALED
—	FAULT OR LINEAMENT FROM AERIAL PHOTOGRAPHS
X	BASE METAL PROSPECTS NORTH OF THE TANANA RIVER

